# **CTR Employer Survey Report**

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer ID: E83956

Survey Type: Paper

Employer Id: E83956

Employer: City of Seattle

Worksite: Charles Street Complex

Street: 714 S Charles St

Jurisdiction: City of Seattle

Survey Date: 9/28/2015 Response Rate: 72%

#### **Drive Alone & One-Way VMT Rates at this Worksite**

#### **Employees and Survey Response Information**

Reported Total Employees at Worksite: 265

Drive Alone: 70.3%

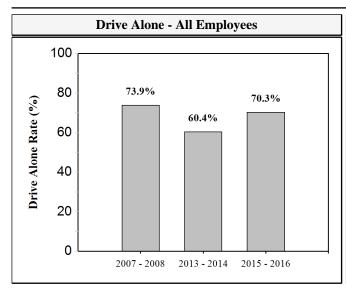
One-Way VMT per employee: 18.0

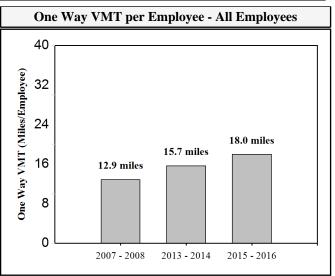
Surveys Distributed: 205

Surveys Returned: 147

**Surveys Returned by CTR Affected Employees:** 135

**Total Estimated CTR - Affected Employees at Worksite: 188** 





#### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected	
2007 - 2008	73.9%	74.9%	12.9	13.3	
2009 - 2010	66.5%	66.4%	14.2	14.5	
2011 - 2012	60.6%	61.8%	12.0	12.3	
2013 - 2014	60.4%	60.8%	15.7	15.5	
2015 - 2016	70.3%	70.7%	18.0	18.2	
2017 - 2018	N/A	N/A	N/A	N/A	
2019 - 2020	N/A	N/A	N/A	N/A	
Goal	TBD	TBD	TBD	TBD	
Percent Change	-4.9%	-5.6%	39.5%	36.8%	

#### Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

Employer ID: E83956

	2007 - 2008	2013 - 2014	2015 - 2016
Drive Alone - All Employees*	73.9%	60.4%	70.3%
Drive Alone - CTR Affected Employees*	74.9%	60.8%	70.7%
VMT/Employee - All Employees	12.9	15.7	18.0
VMT/Employees - CTR Affected Employees	13.3	15.5	18.2

<sup>\*</sup> Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

#### **GHG Emissions: Total for Drive Alone, Carpools, Vanpools**

### Annual Greenhouse Gas Emissions (Metric Tons CO2e) for Roundtrip Commute\*

Value	2007 - 2008	2013 - 2014	2015 - 2016
Emissions for Surveyed Employees	384	528	474
<b>Estimated Emissions for Total Employment</b>	694	879	855

<sup>\*</sup> Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

#### Bus Transit Passenger Miles and Rail Transit Passenger Miles\*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2013 - 2014	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	225,153	78,833	72,469
Bus Annual Passenger Miles - Surveyed Employees	124,700	47,300	40,200
Ferry Annual Passenger Miles - Estimated for Total Employment	0	85,000	9,014
Ferry Annual Passenger Miles - Surveyed Employees	0	51,000	5,000
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	79,444	265,667	208,034
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	44,000	159,400	115,400

<sup>\*</sup> Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO2e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO2e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO2e emissions per passenger mile for train/light rail/streetcar.

Q3.

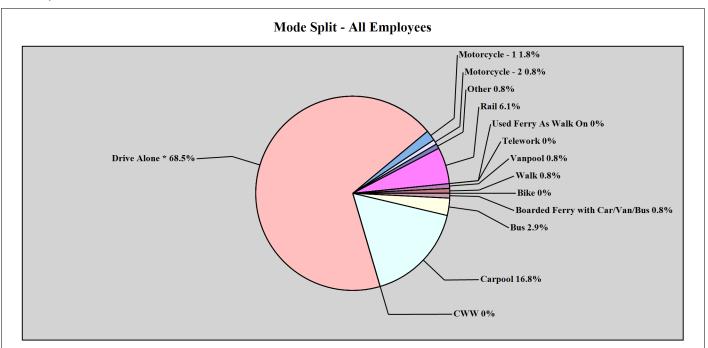
One way, how many miles do you commute from home to your usual work location?

Average one-way distance home to work: 24.4 miles



### **Commute Trips By Mode - All Employees**

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)



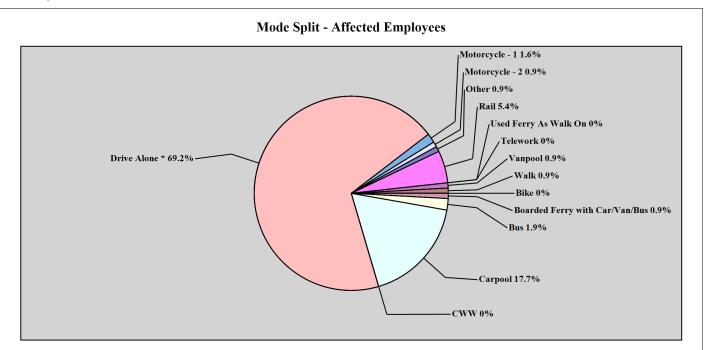
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	429	68.5%	59.9%	98	66.7%	64.5%
Carpool	105	16.8%	17.0%	25	17.0%	18.7%
Vanpool	5	0.8%	0.0%	1	0.7%	0.0%
Motorcycle - 1	11	1.8%	0.0%	4	2.7%	0.0%
Motorcycle - 2	5	0.8%	0.0%	1	0.7%	0.0%
Bus	18	2.9%	7.2%	6	4.1%	8.4%
Rail	38	6.1%	9.6%	12	8.2%	11.6%
Bike	0	0.0%	0.0%	0	0.0%	0.0%
Walk	5	0.8%	0.3%	1	0.7%	1.3%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	0	0.0%	2.1%	0	0.0%	10.3%
Boarded Ferry with Car/Van/Bus	5	0.8%	0.0%	1	0.7%	0.0%
Used Ferry As Walk On	0	0.0%	3.1%	0	0.0%	3.2%
Other	5	0.8%	0.8%	1	0.7%	1.9%

 $<sup>*\</sup> Drive\ alone\ mode\ includes\ fill-in,\ where\ applicable.$ 



# **Commute Trips By Mode - Affected Employees**

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)



Mode	Trips During This Survey Week	During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	Used This Mode at Least Once During This	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	399	69.2%	60.3%	90	66.7%	65.1%
Carpool	102	17.7%	15.8%	24	17.8%	17.5%
Vanpool	5	0.9%	0.0%	1	0.7%	0.0%
Motorcycle - 1	9	1.6%	0.0%	2	1.5%	0.0%
Motorcycle - 2	5	0.9%	0.0%	1	0.7%	0.0%
Bus	11	1.9%	7.5%	4	3.0%	8.7%
Rail	31	5.4%	10.0%	9	6.7%	12.1%
Bike	0	0.0%	0.0%	0	0.0%	0.0%
Walk	5	0.9%	0.3%	1	0.7%	1.3%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	0	0.0%	2.2%	0	0.0%	10.7%
Boarded Ferry with Car/Van/Bus	5	0.9%	0.0%	1	0.7%	0.0%
Used Ferry As Walk On	0	0.0%	3.2%	0	0.0%	3.4%
Other	5	0.9%	0.8%	1	0.7%	2.0%

 $<sup>*\,</sup>Drive\ alone\ mode\ includes\ fill-in,\ where\ applicable.$ 

# Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Employer ID: E83956

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees	
0 Day	103	70%	147	100%	
1 Days	3	2%	44	30%	
2 Days	3	2%	41	28%	
3 Days	1	1%	38	26%	
4 Days	16	11%	37	25%	
5 Days	21	14%	21	14%	
6 or More Days	0	0%	0	0%	

# Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	day	Alone 5 s / veek	or 4	Alone 3 days / veek	Least	Bus At 3 days / veek	Least	ooled At 3 days / veek	Least	Rail At 3 days / week	Least	oooled At 3 times / week	Wa Least	ked or lked At t 3 Days / week	Mo Least	l 'Other' des At 3 Days / week	Drive A Least 3	l Non- Alone At 3 Days / eek
5 days a week	27	48.2%	1	1.8%	2	3.6%	12	21.4%	3	5.4%	0	0%	0	0%	1	1.8%	19	33.9%
4 days a week (4/10s)	5	11.6%	22	51.2%	2	4.7%	4	9.3%	3	7%	0	0%	0	0%	0	0%	10	23.3%
3 days a week	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	9	64.3%	1	7.1%	0	0%	1	7.1%	1	7.1%	1	7.1%	1	7.1%	0	0%	4	28.6%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

# Transportation Employer ID: E83956

# Count by Occupancy of Carpools, Vanpools, and Motorcycles

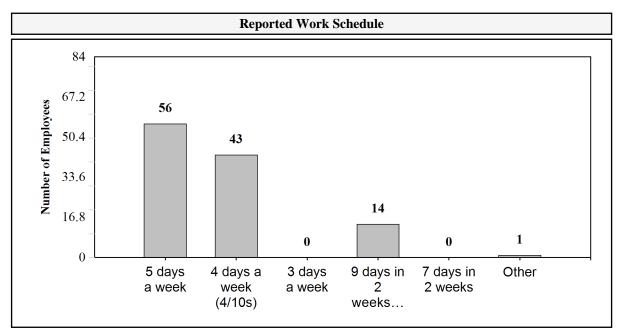
Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	<b>Response Count</b>
1	Motorcycle	11
2	Motorcycle	5
2	Carpool	100
3	Carpool	5
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	5
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0



# **Reported Work Schedule - All Employees**

Q.5 Which of the following best describes your work schedule?

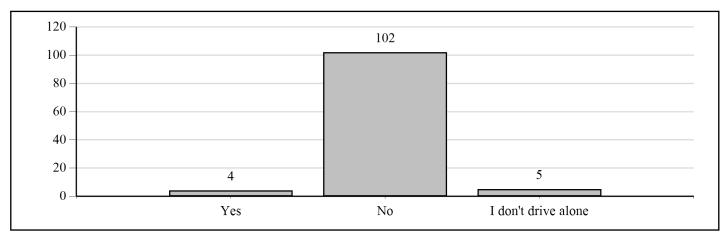


Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	56	49.1%
4 days a week (4/10s)	43	37.7%
3 days a week	0	0%
9 days in 2 weeks (9/80)	14	12.3%
7 days in 2 weeks	0	0%
Other	1	0.9%

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# **Parking and Telework**

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	40	27.2%
I don't telework	101	68.7%
Occasionally, on an as-needed basis	3	2.0%
1-2 days/month	0	0.0%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	3	2.0%

## Reasons for driving alone to work/not driving alone to work

#### Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	37	25.7%
Free or subsidized bus, train, vanpool pass or fare benefit	24	16.7%
Other	16	11.1%
To save time using the HOV lane	13	9.0%
Financial incentives for carpooling, bicycling or walking.	12	8.3%
Cost of parking or lack of parking	11	7.6%
Emergency ride home is provided	8	5.6%
Personal health or well-being	7	4.9%
Driving myself is not an option	6	4.2%
Environmental and community benefits	6	4.2%
I have the option of teleworking	2	1.4%
Preferred/reserved carpool/vanpool parking is provided	2	1.4%
I receive a financial incentive for giving up my parking space	0	0.0%

#### Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	49	29.3%
Riding the bus or train is inconvenient or takes too long	40	24.0%
Family care or similar obligations	37	22.2%
Other	16	9.6%
My commute distance is too short	8	4.8%
I need more information on alternative modes	7	4.2%
My job requires me to use my car for work	7	4.2%
Bicycling or walking isn't safe	3	1.8%
There isn't any secure or covered bicycle parking	0	0.0%

# **Employee Transit Use - All Employees**

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

	Employees Making This Many Transit Trips in a Week											
Trips/Week	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other		
1	0	1	2	1	0	2	3	1	0	0		
2	1	0	0	1	0	1	2	1	0	0		
3	0	0	0	0	1	1	0	0	0	0		
4	0	0	0	0	0	0	2	0	1	0		
5	0	0	0	2	0	0	1	0	0	1		
6	0	0	2	0	0	0	1	0	0	0		
7	0	0	0	0	0	0	0	0	0	0		
8	0	0	0	0	0	0	2	0	0	0		
9	0	0	0	0	0	0	0	0	0	0		
10	0	0	0	1	0	0	2	0	0	1		
11 or more	1	1	0	2	0	0	0	0	0	0		
# Of Employees using Transit	2	2	4	7	1	4	13	2	1	2		
Total One-Way Transit Trips Per Week	32	31	14	54	3	7	62	3	4	15		

# **Employee Transit Use - Affected Employees**

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

	Employees Making This Many Transit Trips in a Week												
Trips/Week	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other			
1	0	0	1	1	0	2	2	1	0	0			
2	0	0	0	1	0	0	1	0	0	0			
3	0	0	0	0	0	1	0	0	0	0			
4	0	0	0	0	0	0	2	0	1	0			
5	0	0	0	2	0	0	1	0	0	1			
6	0	0	2	0	0	0	0	0	0	0			
7	0	0	0	0	0	0	0	0	0	0			
8	0	0	0	0	0	0	2	0	0	0			
9	0	0	0	0	0	0	0	0	0	0			
10	0	0	0	1	0	0	2	0	0	1			
11 or more	1	1	0	2	0	0	0	0	0	0			
# Of Employees using Transit	1	1	3	7	0	3	10	1	1	2			
Total One-Way Transit Trips Per Week	30	30	13	54	0	5	53	1	4	15			

Employer ID: E83956

# Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	4	2.72%	17	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
13	1	0.68%	1	0	0	0	0	0	0	0	0	0	0	0	0
18 9	1	0.68%	0	1	0	0	0	0	0	0	0	0	0	0	0
2	1	0.68%	4	0	0	0	0	0	0	0	0	0	0	0	0
41	1	0.68%	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	0.68%	0	0	0	1	0	0	0	0	0	0	0	0	0
87096	1	0.68%	0	0	0	5	0	0	0	0	0	0	0	0	0
9 82	1	0.68%	6	0	0	0	0	0	0	0	0	0	0	0	0
90842	1	0.68%	0	0	0	0	0	0	0	0	0	0	0	0	0
9321	1	0.68%	0	0	0	0	0	4	0	0	0	0	0	0	0
93804	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
942	1	0.68%	0	0	0	0	0	0	0	0	0	0	0	0	0
98001	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
98002	2	1.36%	6	4	0	0	0	0	0	0	0	0	0	0	0
98003	4	2.72%	5	10	0	0	0	0	0	0	0	0	0	0	0
98012	1	0.68%	4	0	0	0	0	0	0	0	0	0	0	0	0
9802	1	0.68%	0	5	0	0	0	0	0	0	0	0	0	0	0
98021	3	2.04%	5	4	0	0	4	0	0	0	0	0	0	0	0
98022	1	0.68%	0	0	0	0	0	4	0	0	0	0	0	0	0
98023	2	1.36%	5	2	0	0	2	0	0	0	0	0	0	0	0
98026	1	0.68%	4	0	0	0	0	0	0	0	0	0	0	0	0
98030	4	2.72%	10	10	0	0	0	0	0	0	0	0	0	0	0
98031	2	1.36%	5	4	0	0	0	1	0	0	0	0	0	0	0
98032	5	3.40%	8	0	0	0	0	8	0	0	0	0	0	0	0
98033	2	1.36%	8	0	0	0	0	0	0	0	0	0	0	0	0

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98034	2	1.36%	9	0	0	0	0	0	0	0	0	0	0	0	0
98036	2	1.36%	10	0	0	0	0	0	0	0	0	0	0	0	0
98037	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
98042	4	2.72%	14	0	0	0	0	0	0	0	0	0	0	0	5
98045	1	0.68%	4	2	0	0	0	0	0	0	0	0	0	0	0
98047	1	0.68%	0	3	0	0	0	1	0	0	0	0	0	0	0
98052	1	0.68%	0	0	0	5	0	0	0	0	0	0	0	0	0
98055	2	1.36%	9	0	0	0	0	0	0	0	0	0	0	0	0
98057	5	3.40%	21	0	0	4	0	0	0	0	0	0	0	0	0
98058	2	1.36%	9	0	0	0	0	0	0	0	0	0	0	0	0
98059	3	2.04%	13	0	0	0	0	0	0	0	0	0	0	0	0
98065	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
98070	1	0.68%	0	0	0	0	0	0	0	0	0	0	5	0	0
98071	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
98072	4	2.72%	12	8	0	0	0	0	0	0	0	0	0	0	0
98087	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
98088	1	0.68%	0	4	0	0	0	0	0	0	0	0	0	0	0
98092	3	2.04%	8	5	0	0	0	0	0	0	0	0	0	0	0
98103	1	0.68%	4	0	0	0	0	0	0	0	0	0	0	0	0
98106	2	1.36%	12	0	0	0	0	0	0	0	0	0	0	0	0
98116	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
98117	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
98118	6	4.08%	14	9	5	0	0	0	0	0	0	0	0	0	0
98122	1	0.68%	0	0	0	0	0	0	0	5	0	0	0	0	0
98125	1	0.68%	0	0	0	0	0	0	0	0	0	0	0	0	0
98133	1	0.68%	4	0	0	0	0	0	0	0	0	0	0	0	0
98144	1	0.68%	4	0	0	0	0	0	0	0	0	0	0	0	0
98146	3	2.04%	6	5	0	0	4	0	0	0	0	0	0	0	0
98147	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
98148	3	2.04%	12	0	0	0	0	0	0	0	0	0	0	0	0
98155	1	0.68%	4	0	0	0	0	0	0	0	0	0	0	0	0
98166	1	0.68%	6	0	0	0	0	0	0	0	0	0	0	0	0
98168	5	3.40%	20	0	0	0	0	0	0	0	0	0	0	0	0
98178	4	2.72%	17	0	0	0	0	2	0	0	0	0	0	0	0
98188	2	1.36%	5	5	0	0	0	0	0	0	0	0	0	0	0
98198	5	3.40%	25	0	0	0	0	0	0	0	0	0	0	0	0
98199	1	0.68%	4	0	0	0	0	0	0	0	0	0	0	0	0



98202	1	0.68%	0	0	0	0	1	0	0	0	0	0	0	0	0
98203	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
9827	1	0.68%	0	0	0	0	0	0	0	0	0	0	0	0	0
98270	2	1.36%	5	0	0	0	0	0	0	0	0	0	0	0	0
98271	1	0.68%	0	5	0	0	0	0	0	0	0	0	0	0	0
98275	1	0.68%	1	0	0	0	0	4	0	0	0	0	0	0	0
98290	2	1.36%	9	0	0	0	0	0	0	0	0	0	0	0	0
98294	1	0.68%	4	0	0	0	0	0	0	0	0	0	0	0	0
98296	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
9830	1	0.68%	0	0	0	0	0	0	0	0	0	0	0	0	0
98367	1	0.68%	0	0	0	0	0	0	0	0	0	0	0	0	0
98372	1	0.68%	0	5	0	0	0	0	0	0	0	0	0	0	0
98373	1	0.68%	0	5	0	0	0	0	0	0	0	0	0	0	0
98374	1	0.68%	4	0	0	0	0	0	0	0	0	0	0	0	0
98375	1	0.68%	0	0	0	0	0	5	0	0	0	0	0	0	0
98391	1	0.68%	1	0	0	0	0	4	0	0	0	0	0	0	0
98405	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
98422	1	0.68%	1	0	0	1	3	0	0	0	0	0	0	0	0
98498	1	0.68%	0	0	0	0	0	5	0	0	0	0	0	0	0
98499	1	0.68%	0	0	0	0	4	0	0	0	0	0	0	0	0
98922	1	0.68%	0	4	0	0	0	0	0	0	0	0	0	0	0
98959	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
99271	1	0.68%	0	5	0	0	0	0	0	0	0	0	0	0	0